

### ABSTRACT OF THE DISCLOSURE

A dust collector includes: a motor functioning as a driving source; a drive unit for driving a motor; a dust collection fan rotated by the motor; a head section for accommodating the dust collection fan; a switch provided on the head section to control the starting of the motor; a tank section located below the head section, for accommodating dust conveyed by the dust collection fan, the tank section having a connecting portion; a duct hose having one end and the other end, the one end attached to the connecting portion, the other end being detachable from a portion of a power tool; a remote-control transmitter for transmitting a signal; and a remote-control receiver for receiving the signal from the remote-control transmitter to control the drive unit to start or stop the motor.